

DEFINITIONS AND SPECIAL INSTRUCTIONS

INTRODUCTION

1. Scope of survey

This survey contains portions of the former Yarn Production annual report (MA313F), the Knit Fabric Production annual report (MA313K), the Broadwoven Fabrics (Gray) quarterly report (MQ313T), and the Bed and Bath Furnishings quarterly report (MQ314X). It includes manufacturers in the United States of:

- Yarn spun by this establishment. (*see Section I*)
- Broadwoven fabrics woven by this establishment (*see Section II*)
- Knit fabrics knitted by this establishment (*see Section III*)
- Sheets, pillowcases, and towels made from purchased fabrics as well as from fabrics woven or knit by this establishment (*see Section IV*)

For yarn, broadwoven fabrics, and knit fabrics, include fabric that is produced for sale, produced for own use, or on commission. **DO NOT INCLUDE PURCHASED FABRIC.** Fabric produced on commission should be reported by the commission mill, not by the company owning the yarn.

For sheets, pillowcases, and towels, include products made for you by others on commission from your materials, but exclude products made by you on commission for others from their materials. **EXCLUDE IMPORTED FINISHED PRODUCTS.**

Some establishments may report in two or more sections of this survey. For instance, an establishment that first weaves fabric and then produces sheets from that fabric should report in both Broadwoven Fabrics (*Section II*) and Sheets, Pillowcases, and Towels (*Section IV*). If the establishment also spins its own yarn before weaving the fabric, it should report in *Sections I, II, and IV*.

2. Figures to be reported

Companies with more than one establishment manufacturing the products covered by this survey may report each plant separately or file a combined report for the company. If this company is a subsidiary or division of another company which will file a consolidated report, return this report indicating the name and address of the

company that will file the consolidated report. If you have questions concerning your report, please call or write to the U.S. Census Bureau.

a. Quantity of production

Report the total amount of each specified product made by your establishment during the quarter whether sold, transferred, or added to inventory. **EXCLUDE IMPORTED FINISHED PRODUCTS.**

b. Unit of measure

Report quantity in units specified for each Section.

c. Who should not report

WHOLESALEERS OR IMPORTERS — DO NOT REPORT ON THIS FORM. Indicate your type of operation and RETURN THE REPORT. Do not include products made in Puerto Rico, Virgin Islands, etc.

3. Estimating procedures

If your book records do not contain the information we request, estimates are acceptable. Use percentage estimates or any other method which will provide reasonable estimates, but do not report percentages.

SECTION I — PRODUCTION OF YARN

1. Scope of section

This section of the survey covers the production of yarns spun from staple, tow and uncut top, and the production of stretch, textured, crimped, or bulked filament yarns. Producers and contractors of textured yarns and filament are included in the scope of this survey. Producers of manmade fibers that are extruded into filament without further manufacture are not included.

2. Figures to be reported

Report total production data for yarn that is produced for sale, produced for own use or on commission, textured for resale, or textured for own use or on commission. **DO NOT INCLUDE PURCHASED YARN.**

Report all figures in thousands of pounds.

DEFINITIONS AND SPECIAL INSTRUCTIONS — Continued

SECTION I — PRODUCTION OF YARN – Continued

3. Definitions

Textured, crimped, twisted, or bulked filament yarns — Includes yarns made by the air jet method, false twist principle, the conventional twist method (twist and detwist procedures), the stuffer crimp method, the filament loop method, and the other methods or combinations of methods used to texture filament. Yarns that are thrown only are excluded.

For sale — Shipments to other companies not affiliated with the yarn producing company.

For own use — Yarns consumed at the spinning plant or in other plants under the same or affiliated ownership.

On commission — Shipments of yarns made from fibers owned by other companies that are not under the same ownership or affiliated with the yarn producing plant.

Blends and mixtures — Spun yarn made from more than one fiber is classified according to whether the yarn is chiefly cotton or manmade fiber by weight. Yarn which is more than 36% wool by weight is classified as wool. As examples, a yarn which is 55% cotton and 45% rayon should be classified as chiefly cotton; a yarn which is 40% cotton, 30% rayon, and 30% acetate should be classified as rayon and/or acetate blended yarn.

Blends and mixtures which are by weight 50% manmade fiber and 50% natural fiber, should, for purposes of continuity, be classified in the manmade category. As an example, a yarn which is 50% polyester and 50% cotton should be classified as blends chiefly polyester.

SECTION II — PRODUCTION OF BROADWOVEN FABRICS (GRAY)

1. Scope of section

This section of the survey covers all establishments manufacturing broadwoven fabrics (gray) in the United States.

2. Figures to be reported

Report total production data for broadwoven fabrics (gray) that is produced for sale, produced for own use, or on commission. **DO NOT INCLUDE PURCHASED FABRIC.**

Fabric produced on commission should be reported by the commission mill, not by the company owning the yarn.

Report in the unit of measure specified for each item:

Cotton fabrics — Wholly or chiefly by weight of cotton. Report production of denim fabrics in thousands of finished square yards; other cotton fabrics in thousands of gray square yards.

Woolen and worsted fabrics — 36% or more by weight of wool, reprocessed wool, or reused wool. Report the quantity of blanketing fabrics woven during the quarter in thousands of square yards; other woolen and worsted fabrics in thousands of finished square yards.

Manmade fiber and silk broadwoven fabrics — Wholly or chiefly by weight of silk or manmade fiber. Report production in thousands of square yards.

Tire cord and tire cord fabrics — Report production in thousands of pounds, undipped weight.

3. Definitions

a. Fabric classification

This survey is organized by weave, fabric construction, and then often by fiber. The initial step in coding any fabric is to first determine whether the fabric is yarn dyed, which is reported separately from all other fabrics. For all fabric that is not yarn dyed, determine whether the fabric is made from 85% or more spun yarns or spun/filament yarn combinations; 85% or more filament yarn; or wool fibers, including chiefly manmade/wool blends and chiefly cotton/wool blends. Next determine the weave, i.e., whether it is a plain weave, twill weave, or all other weave fabric and then the construction of the fabric; i.e., whether it is a print cloth, denim, satin, etc. Finally, determine the principal fiber content of the fabric.

DEFINITIONS AND SPECIAL INSTRUCTIONS – Continued

SECTION II — PRODUCTION OF BROADWOVEN FABRICS (GRAY) – Continued

3. Definitions – Continued

b. Filament yarn fabrics and blends

Include all fabrics that contain 85% or more filament yarns.

High tenacity yarn fabrics — Fabrics made from yarns having a tenacity, expressed in centinewtons per tex (cN/tex) greater than 60 cN/tex for singles yarns of nylon or polyester; 53 cN/tex for multiple (folded) or cabled yarns of nylon or polyester; or 27 cN/tex for multiple (folded), cabled, or singles yarns of viscose rayon.

c. Spun/filament combinations

Include fabrics that are combinations of spun and filament yarns where neither the spun nor filament yarns exceed 85%.

d. Spun yarn fabrics and blends

Fabrics made from more than one fiber are classified in the same way as other fabrics, i.e., according to whether the fabric is chiefly cotton, wool, or manmade fiber by weight. As examples, a fabric which is 55% cotton and 45% spun rayon should be classified as chiefly cotton; a fabric which is 40% cotton, 30% spun rayon, and 30% spun acetate should be classified as rayon and/or acetate blended fabric. Blends and mixtures which are by weight 50% manmade fiber and 50% natural fiber, should, for purposes of continuity, be classified in the manmade category. As an example, a fabric which is 50% spun polyester and 50% cotton should be classified as polyester. Include all fabrics that contain 85% or more spun yarns.

- *Tobacco, cheese, and bandage cloth* — Fabrics of plain weave, weighing not more than 5 ounces per square yard (chiefly manmade fabrics) or 5.9 ounces per square yard (chiefly cotton fabrics) consisting of 85 or less warp ends and filling picks per square inch whether or not napped.
- *Lawns, voiles, and batistes* — Fabrics of plain weave weighing not more than 5 ounces per square yard (chiefly manmade fabrics) or 5.9 ounces per square yard (chiefly cotton fabrics) consisting of more than 85 warp ends and filling picks per square inch, of square construction, of average yarn number 41 or higher, whether or not napped.

- *Duck* — Fabrics weighing more than 5 ounces per square yard (chiefly manmade fabrics) or 5.9 ounces per square yard (chiefly cotton fabrics), of average yarn number 15 or lower, whether or not napped, of a plain weave where the warp or filling, or both, consists of multiple (folded) or cabled yarns.
- *Oxfords* — Fabrics weighing not more than 5 ounces per square yard (chiefly manmade fabrics) or 5.9 ounces per square yard (chiefly cotton fabrics), whether or not napped, woven as plain weave except that two or more warp ends are woven as one (taped warp). Oxford cloth is not to be classified as a plain weave fabric.
- *Table damask* — Fabrics, whether or not napped, woven wholly or in part with jacquard or dobby attachments characterized by elaborate decorative designs, usually of floral patterns. The designs are reversible and are formed by warp-face satin weave. Table damask is generally all white, although it is sometimes made with colored stripes or in solid pastel shades.
- *Shirting, jacquard or dobby* — Fabrics weighing not more than 5 ounces per square yard (chiefly manmade fibers) or 5.9 ounces per square yard (chiefly cotton fibers) whether or not napped, woven wholly or in part with jacquard or dobby attachments.

e. All other spun yarn weaves

- *Print cloth* — Fabrics of plain weave, weighing not more than 5 ounces per square yard (chiefly manmade fabrics) or 5.9 ounces per square yard (chiefly cotton fabrics) of average yarn numbers 26-40, consisting of more than 85 singles yarns per square inch, of square construction, whether or not of yarns of different colors (yarn dyed), whether or not napped. Constructions such as 96x56 and 90x54 should not be reported as print cloth. Fabrics which otherwise meet the print cloth definition, but are going into the manufacture of bed sheets should be reported as bedsheeting.
- *Sheeting* — Fabrics of plain weave, whether or not napped, of the following types:

Fabrics weighing not more than 5 ounces per square yard (chiefly manmade fabrics) or 5.9 ounces per square yard (chiefly cotton fabrics), of square construction, containing more than 85 warp end and filling picks per square inch, of average yarn number 40 or lower, but not including print cloth.

DEFINITIONS AND SPECIAL INSTRUCTIONS – Continued

SECTION II — PRODUCTION OF BROADWOVEN FABRICS (GRAY) – Continued

3. Definitions — Continued

e. All other spun yarn weaves— Continued

Fabrics weighing more than 5 ounces per square yard (chiefly manmade fabrics) or 5.9 ounces per square yard (chiefly cotton fabrics), but does not include fabrics of which the warp or filling, or both, consist of multiple (folded) or cabled yarns, of average yarn number 15 or lower or fabrics of average yarn number 16 or higher number, not of square construction.

- *Poplin and Broadcloth* — Fabrics of plain weave, not of square construction, whether or not napped, but does not include the following types: fabrics weighing not more than 5.9 ounces per square yard, containing 85 or less warp ends and filling picks per square inch, or fabrics weighing more than 5.9 ounces per square yard of average yarn number 15 or lower.
- *Twills* — Fabrics in which the warp and filling yarns are interlaced in such a manner as to produce a diagonal or bias effect on the face of the fabric (Note: Blue denim should only be included in *Yarn dyed fabric*).
- *Sateens* — Fabrics woven with a satin weave, whether or not napped, in which the surface of the cloth consists almost entirely of warp or filling floats; that is, in the repeat of a weave pattern, each yarn of one system passes over several yarns of the other system before interlacing.

SECTION III — PRODUCTION OF KNIT FABRICS

1. Scope of section

Knit fabric — This section of the survey covers the production of knit fabric off the knitting machine, whether as yard goods, circular sweater-strip, or full-fashioned garment sections. Include all fabric produced by this establishment, whether for sale as piece goods, for your own use in garment making, or on commission for others.

Fabric produced on commission should be reported by the commission mill, not by the company owning the yarn.

2. Figures to be reported

Report total production data for knit fabric that is produced for sale, produced for own use or on commission. **DO NOT INCLUDE PURCHASED FABRIC.**

Report all figures in thousands of pounds.

3. Who should report

Manufacturers producing knit fabric and/or knit garments (including those cut from their own fabric, or produced on circular sweater-strip or full-fashioning machines) from yarn they own.

Contractors or commission knitters making knit fabric and/or garments (including those cut from their own fabric, or produced on circular sweater-strip or full fashioning machines) from yarn owned by others.

If you operate as a manufacturer and a jobber/converter, report only that portion of your output which you actually manufacture.

If you knit fabric or garments from both yarn you own and from yarn owned by others, report your total fabric output from both.

Include only knit yard goods and knit garment fabric produced within the 50 states of the United States. Do not include fabrics made in Puerto Rico, Virgin Islands, etc.

5. Who should not report

Jobber or converter — Do not report if others work on materials owned by you and you do not produce any knit fabric at this establishment. Indicate the appropriate description of your activity on your report form. List the major contractor who works for you in the "Remarks" section and RETURN THE REPORT.

6. Definitions

Pile Fabrics — Fabrics with an effect formed by introducing tufts, loops, or other erect yarns on all or part of the fabric surface.

Elastic Fabrics — Fabrics that are 5% or more elastomeric yarn or rubber thread.

Manmade Fiber Fabrics — Wholly or chiefly by weight of manmade fiber.

DEFINITIONS AND SPECIAL INSTRUCTIONS – Continued

SECTION III — PRODUCTION OF KNIT FABRICS — Continued

SPECIAL INSTRUCTIONS

Report total knit fabric production.

Production of knit cloth off the knitting machine by you or produced by you for others from their materials. This survey includes commission knitters but excludes the knit fabric jobber or converter.

- Quantity of knit cloth produced and consumed in the same plant, regardless of whether finished by you.
- If an establishment knits and finishes cloth at the same location, report only the fabric produced off the knitting machines.
- If an establishment transfers knit fabric to another plant of the same company for commission finishing or cutting into a garment, the production of knit fabric as it comes off the knitting machine should be reported.

DO NOT REPORT:

- Knit cloth including interplant transfers, purchased by you or knit for your account by others.
- Knit cloth made for you by a commission knitter or contractor from your materials.
- Quantities of knit cloth produced by you or for your account outside the 50 states of the United States.
- Quantities of knit cloth bought and resold without further processing.
- Finished knit cloth.

DO NOT COMBINE lines or codes.

SECTION IV — BED AND BATH FURNISHINGS PRODUCTION

1. Scope of section

This section of the survey includes manufacturers of sheets, pillowcases, and towels in the United States. Production and shipments of these products from purchased fabrics as well as from fabrics woven or knit by this company are included within the scope of this survey.

2. Figures to be reported

This section requests total production data for sheets, pillowcases, and towels.

Report all figures in thousands of dozens.

3. Who should not report

CONTRACTORS, WHOLESALERS OR IMPORTERS — DO NOT REPORT ON THIS FORM. Indicate your type of operation and RETURN THE REPORT.

4. Definitions

The product detail for this section is defined according to standard nomenclature for this industry.

REFERENCE LIST

FORM **MQ313A**

TEXTILES

Product code	Item code	Fiber description
SECTION I – PRODUCTION OF YARN (Report all figures in thousands of pounds.)		
Cotton		
3131111341	1101	Carded
3131111343	1103	85% or more cotton Other chiefly cotton blends
3131113341	1105	Combed
3131113343	1107	85% or more cotton Other chiefly cotton blends
Wool and wool blends (36% or more wool including reused and reprocessed wool)		
3131119141	1301	Carded (Woolen)
3131119143	1303	Combed (Worsted)
Manmade fiber yarn		
3131115145	1501	Cellulosic
3131115147	1503	85% or more rayon, acetate, and/or lyocell Other chiefly rayon, acetate, and/or lyocell
3131117581	1505	Noncellulosic
3131117585	1507	85% or more acrylic
3131117589	1509	Other chiefly acrylic blends
3131117591	1511	85% or more nylon
3131117593	1513	Other chiefly nylon blends
3131117595	1515	85% or more polyester
3131117597	1517	Other chiefly polyester blends All other manmade fiber yarns
Textured, crimped, twisted, or bulked filament yarns		
3131125169	1519	Nylon
3131125171	1521	Rayon, acetate, and/or lyocell
3131125173	1523	Polyester
3131125175	1525	Other fibers

REFERENCE LIST

FORM MQ313A		
Product code	Item code	Product description
		SECTION II – PRODUCTION OF BROADWOVEN FABRICS (GRAY) (Report in thousands of square yards, unless otherwise specified)
313210T310	2101	Woolen and worsted fabrics, 36% or more by weight of wool and wool blends less than 36% wool (Report in thousand finished square yards.)
		Yarn dyed fabrics
3132103310	2105	Blue denim
3132103330	2107	All other yarn dyed fabrics
		Fabrics and blends (except yarn dyed), 85 percent or more spun yarn
313210H310	2109	Tobacco, cheese, and bandage cloth, lawns, voiles, and batistes
313210H330	2111	Duck, including taped warp
313210L310	2113	Oxfords
3132107310	2115	Pile fabrics; corduroy, velvet, plushes, and terry toweling and cloth
313210L310	2117	Special weave fabrics (table damask, jacquard, and doby shirting)
		Other fabrics, except yarn dyed, chiefly cotton fiber
3132101310	2121	Print cloth
313210H350	2123	Sheeting (includes bedsheets and osnaburgs), poplin and broadcloth
3132103350	2125	Twills and sateens
3132105310	2127	All other cotton fabrics
		Other fabrics, except yarn dyed, chiefly manmade
313210H370	2129	Print cloth
313210H390	2131	Sheeting (includes bedsheets and osnaburgs), poplin and broadcloth
313210J310	2133	Twills and sateens
313210L330	2135	All other spun manmade fabric
		Manmade fiber fabrics, 85 percent or more filament yarn
313210G310	2301	High tenacity yarn fabrics, of nylon, polyester, or rayon
313210G315	2303	Other nylon, including typewriter and other impression fabrics
313210E310	2305	Other rayon, acetate and/or triacetate fabrics
		Other polyester fabrics (Report in thousand finished square yards.)
313210G330	2307	Textured
313210G335	2309	Nontextured
		Glass fiber fabrics
313210G340	2311	Woven roving and screening
313210G345	2313	All other glass fabrics
313210G350	2315	All other manmade fiber fabrics, including saran, olefin, and carpet backing
313210M310	2501	Spun/filament combinations (except blue denim and other yarn dyed)
313210N310	2551	Silk fabrics, or chiefly cotton fabrics mixed mainly with other than wool or manmade fibers.
		Tire cord and tire cord fabrics (Report in thousands of pounds)
3149920310	2701	Nylon tire cord and tire cord fabrics
3149920330	2703	Polyester tire cord and tire cord fabrics
3149920350	2705	Steel tire cord
3149920370	2707	All other manmade fiber tire cord and tire cord fabrics, including chafer fabrics

REFERENCE LIST

Form MQ313A		
Product code	Item code	Product description
<p>SECTION III — PRODUCTION OF KNIT FABRICS OFF KNITTING MACHINE BY TYPE AND BY METHOD OF DISTRIBUTION (Report in thousands of pounds)</p> <p>(Include knit yard goods for shipment as such to the garment manufacturer by the knitter and garment fabric in the form of sweater-strips or full-fashioned garment sections)</p> <p>Warp Knit Yard Goods (over 12 inches in width)</p> <p>3132491124 3101 Pile fabrics</p> <p>3132491151 3103 Elastic fabrics (containing by weight 5 percent or more elastomeric yarn or rubber thread)</p> <p>3132491161 3105 All other warp knit fabrics</p> <p>Weft Knit Yard Goods (over 12 inches in width)</p> <p>3132411222 3301 Pile fabrics</p> <p>3132411246 3303 Elastic fabrics (containing by weight 5 percent or more elastomeric yarn or rubber thread)</p> <p>3132411271 3305 Double knit and interlock fabrics</p> <p>3132411291 3307 Rib fabrics other than double knit and interlock fabrics</p> <p>3132411295 3309 All other weft knit fabrics</p> <p>Narrow Knit Fabrics (12 inches or less in width)</p> <p>3132401113 3501 Elastic fabrics</p> <p>3132401117 3503 All other narrow knit fabrics</p> <p>XXX 3701 Knit Garment Lengths, Trimmings, and Collars (Thousands of dozens) Knit garment lengths, trimmings, and collars</p>		
<p>SECTION IV — BED AND BATH FURNISHINGS PRODUCTION (Report in thousands of dozens)</p> <p>3141293106 4101 Sheets, including crib</p> <p>3141293108 4103 Pillowcases, including crib</p> <p>Finished towels</p> <p>314129511B 4105 Bath size towels</p> <p>314129511C 4107 Hand, face, guest, and fingertip towels</p> <p>314129511E 4109 All other towels</p>		

3/17/05